PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCH	HING AUTHORITY			,	
INTERNATIONAL SEARCHING AUTHORITY To: HADASSA WATERMAN G.E. EHRLICH (1995) LTD. II MENACHEM BEGIN STREET RAMAT GAN, ISRAEL 52521			PCT RITTEN OPINION OF THE ONAL SEARCHING AUTHORITY		
				(PCT Rule 43bis.1)	
				(1 C1 Rule 43013.1)	
			Date of mailing (day/month/year)	15 OCT 2008	
Applicant's or agent's file reference		FOR FURTHER	ACTION See paragraph 2 below		
39833					
		ational filing date	•	Priority date (day/month/year)	
PCT/IL07/00918 International Patent Classific	19 Jul	y 2007 (19.07.200	7)		
	6.01);A61N 5/00(20		ion and if C		
USPC: 424/1.11;604/403	2,000(20				
Applicant					
SPECTRUM DYNAMICS			·		
1. This opinion contains in	dications relating to	the following item	s:		
Box No. I	Box No. I Basis of the opinion				
Box No. II	Box No. II Priority				
Box No. III	Non-establishment	of opinion with re	gard to novelty, inver	ntive step and industrial applicability	
Box No. IV	Lack of unity of invention				
Box No. V	Box No. V Reasoned statement under Rule 43 bis. I(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
Box No. Vl		Certain documents cited			
Box No. VII	Certain defects in the	Certain defects in the international application			
Box No. VIII					
2. FURTHER ACTIO	N				
If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.					
If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220.					
3. For further details, see notes to Form PCT/ISA/220.					
Name and mailing address of	of the ISA/US	Date of comple	tion of this opinion	Authorized officer	
Mail Stop PCT, Attn: ISA/US		•			
Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450		UI September 2	008 (01.09.2008)	MARIA B. MARVICH	

Facsimile No. (571) 273-3201
Form PCT/ISA/237 (cover sheet) (April 2007)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/IL07/00918

Box No. I Basis of this opinion		
1. With regard to the language, this opinion has been established on the basis of:		
the international application in the language in which it was filed		
a translation of the international application into, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).		
2. This opinion has been established taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91 (Rule 43bis.1(a))		
3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, this opinion has been established on the basis of:		
a. type of material		
a sequence listing		
table(s) related to the sequence listing		
b. format of material		
on paper		
in electronic form		
c. time of filing/furnishing		
contained in the international application as filed.		
filed together with the international application in electronic form.		
furnished subsequently to this Authority for the purposes of search.		
4. In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.		
5. Additional comments:		

Form PCT/ISA/237(Box No. 1) (April 2007)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/IL07/00918

Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability		
The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non-obvious), or to be industrially applicable have not been examined in respect of:		
the entire international application		
claims Nos. 290-295,359,362,363,367,371,372,380-382,384,449-540 and 578-582		
because:		
the said international application, or the said claim Nos. 428-448 relate to the following subject matter which does not require an international search (specify):		
because the claimed recitation of a use without setting forth any steps involved in the process, results in an improper definition of a process, i.e., results in a claim which is nt a proper process claim under 35 USC 101.		
the description, claims or drawings (indicate particular elements below) or said claims Nos. 290- 295,352,362,363,367,371,372,380-382,384,449-540 and 578- are so unclear that no meaningful opinion could be formed (specify):		
A multiply dependent claim cannot depend from another multiply dependent claim		
the claims, or said claims Nos are so inadequately supported by the description that no meaningful opinion could be formed (specify):		
no international search report has been established for said claims Nos.		
a meaningful opinion could not be formed without the sequence listing; the applicant did not, within the prescribed time limit:		
furnish a sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.		
furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.		
pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rules 13ter.1(a) or (b).		
a meaningful opinion could not be formed without the tables related to the sequence listings; the applicant did not, within the prescribed time limit, furnish such tables in electronic form complying with the technical requirements provided for in Annex C-bis of the Administrative Instructions, and such tables were not available to the International Searching Authority in a form and manner acceptable to it.		
the tables related to the nucleotide and/or amino acid sequence listing, if in electronic form only, do not comply with the technical requirements provided for in Annex C-bis of the Administrative Instructions.		
See Supplemental Box for further details.		

Form PCT/ISA/237 (Box No. III) (April 2007)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.	
PCT/II 07/00018	

	1 C 1/120 //00716
Box No. IV Lack of unity of invention	
In response to the invitation (Form PCT/ISA/206) to pay additional fees paid additional fees under protest and, where applicable, the paid additional fees under protest but the applicable protest in not paid additional fees This Authority found that the requirement of unity of invention is not pay additional fees. This Authority considers that the requirement of unity of invention in according to the protest in the pay additional fees.	protest fee fee was not paid complied with and chose not to invite the applicant to
complied with	
not complied with for the following reasons:	
See the lack of unity section of the International Search Report (Form PCT/	ISA/210)
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·	
	·
4. Consequently, this opinion has been established in respect of the following pa	urts of the international application:
all parts.	20 272 270 200 200 200 200 200
the parts relating to claims Nos. 1-289,296-358,360,364-366,368-37	10.313-319.383.383-448.541-577 and 583-588
Form PCT/ICA /237 /Pay No. IV/ (A:) 2007)	

Form PCT/ISA/237 (Box No. IV) (April 2007)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/IL07/00918

Box No. V Reasoned statement under Rule applicability; citations and expla	43 <i>bis</i> .1(a)(i)	with regard to novelty, inventive step or orting such statement	industrial
1. Statement			
Novelty (N)		Please See Continuation Sheet Please See Continuation Sheet	YES
Inventive step (IS)		Please See Continuation Sheet Please See Continuation Sheet	YES
Industrial applicability (IA)	Claims	Please See Continuation Sheet	YES
	Claims	Please See Continuation Sheet	NO
2. Citations and explanations:			
Claims 252 and 253 lack novelty under PO	CT Article 33(2)	as being unticipated by Jackson et al (US 20046)	0086437; see entire
document). Jackson et al teach methods of packaging and packa 0004 and 0025).			
Claims 254-261, 267, 385-388 and 566 la 20070166277). Liu et al teach for example that Tc9 dual radiolabels that are different from each other (s	9m compounds	r PCT Article 33(2) as being anticipated by Liu c are between 0.05-5 mCi (see e.g. ¶ 233). Liu ct	et al (US al also teach use of
Claims 541, 552 and 583-588 tack novelty 20050020915; see entire document). Bellardinelli et al teach compositions and methods oprior to the second and then radioimaging (see e.g.	of administration	ticle 33(2) as being anticipated by Belardinelli et n of a first and second radiopharmaceutical when	
view of Ruosso et al (20050205792),	npositions and r	f Article 33(3) as being obvious over Liu et al (2 nethods of imaging myocardial reperfusions with gure 7 and ¶ 0086).	·
Claims 1-251, 262-266, 268-272, 275, 287, 288, 296 577 meet the criteria set out in PCT Article 33(2)-(3 doses and combinations as set forth in the claims.	6- 358 , 360, 361,	364-366 368-370 373-379 383 389-427 \$42-	.551, 553-565, 567- fic components of
		•	
Claims meet the criteria set out in PCT Article 33(4) made or used in industry.), and thus meet	industrial applicability because the subject matter	er claimed can be
Claims 1-276, 283-289, 296-358, 360, 361, 364, -36 PCT Article 33(4), and thus meet industrial applicab	6, 368-370, 373 oility because th	-379, 383, 385-427, 541-577, 583-588 meet the e subject matter claimed can be made or used in	criteria set out in industry.
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Form PCT/ISA/237 (Box No. V) (April 2007)

WRITTEN	OPINION OF THE
INTERNATIONAL	SEARCHING AUTHORITY

International application No. PCT/IL07/00918

Form PCT/ISA/237 (Supplemental Box) (April 2007)